Dräger Medical, Inc.

Julian
Technical Service Bulletin # 23

Re.: **Checking of VentDos Controller (P/N - AF00551) PCB for presence and function of lithium battery (P/N -1835343)**

Update: September 18, 2000

Reference Doc: IDM No. 23 released on September 8, 2000

Reason: If after replacing a VentDos Controller PCB, and the lithium battery is missing or depleted, it could lead to inaccuracies during ventilation when the self test is aborted. With software 2.02, this could also result in a switchover to safety mode.

Solution: The technician shall perform the following procedure to check for the presence and function of the lithium battery on the VentDos Controller PCB.

1) Switch on Julian and start extended service mode immediately after confirming checklist.
2) Press “SP02 VentDos” then call EDOS test (press “Man/Spont” key). Locate and record the MFA value (middle, left side of display).
3) After **1 minute**, switch on Julian and start extended service mode immediately after confirming checklist. Refer to step 2 and read out MFA valve again.

Compare the two MFA values.
The following characteristics mean the battery is missing or depleted.
– The MFA values are different.
– At least one MFA value is “0”.
– At least one MFA value is “- -“.

If the battery is missing or depleted, install a new battery. Otherwise the test has been completed successfully.

Time required: 3 minutes.

Devices affected: All Julian’s, except those, for which it can be proved reliably that their VentDos Controller PCB’s have not been replaced since

installation.

When: During next repair or service interval, however, at the latest by December 2001.

Ordering Info: Lithium Battery- P/N - 1835343

Reporting: None

Additional Info: The instructions for installation / verification of the lithium battery on the VentDos controller, will be added to the repair information “8.5-Replacing the VentDos Controller PCB” in the 4th quarter release of Draeger Anesthesia Equipment and Monitoring Systems CD-ROM.

If you have any questions, please contact Technical Support by phone at 1-800-543-5047 or by fax at 1-215-721-5784.

Dräger Medical, Inc.
Technical Product Manager

Sign Off Form
Julian TSB # 23, edition September 18, 2000:

Technical Product Manager: _____ Date: _____

Director Regulatory Affairs: _____ Date: _____

Director Legal Affairs: _____ Date: _____

Director of Dräger Service: _____ Date: _____